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Offer 24 B

RARE BULBS
and
SEEDS

FOR FALL PLANTING

**A Unique Catalog for Those
That See Pictures
in Words**



REX. D. PEARCE

MERCHANTVILLE

NEW JERSEY

Sec. 562, P. L. & R.

★ OCT 27 1913
U. S. Department of Agriculture

*U. S. Department of Agriculture
Bureau of Plant Industry
Horticultural Crops & Diseases
Washington
D. C.*



MY TERMS OF BUSINESS

All seeds, but not bulbs, are sent postpaid. Safe arrival is guaranteed.

I try to send out only good seeds, but I cannot control the conditions of planting. I give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants I sell, and I will not be responsible for the crop.

Please remit by money order if possible, or by personal check. Order minimum should be fifty cents. No C. O. D. shipments made. Stamps will be accepted for small amounts only.

REX. D. PEARCE

Merchantville

New Jersey

AUTUMN SOWING

Seeds of certain rockery and border perennials, of many bulbs, shrubs, and trees seem to be benefited by a period of exposure to low temperature. The best way to handle such seeds is to sow them in open ground seed beds, or in cold frames, in late autumn. The seed bed should be lightly mulched with peat moss, straw or litter during the colder months, to keep it from drying out, and to prevent frost heaving.

WINTER SOWING

Sowing may be done just as long as the ground can be worked. In the North this usually means November or December, but in regions with open winters, sowings may also be made in January and February, or even in early March. Wherever you may live, should the ground freeze before you can sow, you may simulate actual ground sowing with much the same benefit by stratifying alternate layers of seeds and damp sand or peat moss. This should be done in an unheated shed, the pile covered with litter to prevent drying, and all left until early spring, when the treated seeds may be sown outside for quick germination.

FOURTEEN HUNDRED RARITIES

My general catalog now offers seeds of nearly fourteen hundred unusual plants having ornamental or economic value. Included in it are a large number of kinds that either may or should be sown in late autumn for spring germination. These kinds are marked with the key letters "y" or "h". In making up your order, please be sure to check through the general catalog for such, as well as through the present folder.

The latest general catalog is No. 23. All old customers are supposed to have a copy, but if you have lost or mislaid it, I shall be glad to send another.

SEEDS OF WILD FLOWERS

I have made up a special mixture of seeds of true wild flowers, mostly American, but a few other temperate zone species are included. Altogether the blend contains about four hundred kinds, of course in varying proportions. These are Wild Flowers, not mixtures of garden flowers for wild sowing. You will enjoy them. $\frac{1}{4}$ oz. 35c; 1 oz. \$1.00; $\frac{1}{4}$ lb. \$3.75.

SEEDS OF RARE ROCKERY PLANTS

So many of the true alpiners, not all of them of course, need late autumn sowing to give them the right start. In their native mountain meadows they are used to a long covering of snow over the fallen seeds, these starting to germinate as the snows melt in the spring.

My general catalog, No. 23, offers under various scattered listings, seeds of some hundreds of alpine and other plants for the rockery. Here are a chosen few, but look over the rest of them. There may be others that you will like, too.

SOLDANELLA ALPINA—Jewel of the Alps. Nodding flowers of warm violet-blue, excessively fringed. Grows to the snow line. Pkt. 25c; special pkg. 50c.

PENTSTEMON RUPICOLA—Creeping, tumbling masses of tiny leaves, studded with bright flowers of pink to glowing ruby. Pkt. 15c; special pkg. 35c.

TRAILING ARBUTUS—*Epigae repens*. Prettiest, and almost rarest, flower of early spring. Dainty pink-and-white flowers, like fallen apple-blossoms, deliciously perfumed. A bit slow in germinating. Have patience. Pkt. 25c; special pkg. 60c; $\frac{1}{8}$ oz. \$1.25.

CORTUSA MATTHIOLI—Loose showers of lovely, pendant rosy bells. Pkt. 20c; sp. pkg. 50c.

NOTOTHLASPI ROSULATUM—New Zealand Penwiper plant. Rosettes of thick, scalloped, over-lapping leaves culminating in a dense pyramid of fragrant creamy flowers. Pkt. 20c; spec. pkg. 50c.

PYXIDANTHERA BAPBULATA—Pyxie Flower. Densest, dwarfiest mats, or $\frac{1}{2}$ to russet-bronze, close set with pink buds that open to pearly white blossoms. Pkt. 20c; spec. pkg. 50c.

LEWISIA FINCHI—Evergreen, crinkly succulent leaves, red-tinted in the sun, with many slender flower-scapes above each rosette. Bright orange buds that open to soft pink blossoms, rose striped. Exquisite. Pkt. 20c; spec. pkg. 50c.

LEWISIA REDIVIVA—Rosettes of thick linear leaves, with great cup-like flowers like feathery pink Waterlilies. Very beautiful. Pkt. 25c; special pkg. 60c; $\frac{1}{8}$ oz. \$1.00.

AQUILEGIA OXYSEPALA—Large pointed stars of blue and gold. Pkt. 15c; special pkg. 35c.

DODECATHEON BLEND—Shooting Star. Fragrant Cyclamen-like flowers in pink, rose, purple, crimson and white. Pkt. 15c; spec. pkg. 35c.

OFFER 24A1—One pkt. each of above for \$1.75.

TWO DELIGHTFUL GENTIANAS

THE FRINGED GENTIAN — *Gentiana crinita*. Spreading and deeply fringed petals of most charming and delicate misty coloring, sky-blue to indigo. There is no more beautiful Gentian than this. Will grow in ordinary garden soil if not acid. Pkt. 15c; spec. pkg. 35c; $\frac{1}{4}$ oz. 65c; 1 oz. \$2.35.

GENTIANA PORPHYRIO—Ragged flowers of richest ultramarine, with olive dotted throat. Except for the brilliant blossom, the plant with its narrow and shred-like leaves, would be scarcely noticeable. A hardy, persistent, and adaptable perennial, but unlike the Fringed Gentian, it wants some acidity in the soil. Pkt. 20c; special pkg. 50c.

SEEDS OF UNUSUAL BULBS

There are such a vast number of spring and summer-flowering bulbs that may be grown from autumn-sown seed, that only a few can be listed here. For very many more, see diverse offerings in the first thirty pages of my general catalog, No. 23. The growing of bulbs from seeds takes on particular interest when we realize that this, due to Federal Quarantine orders, is now the only practicable way of building up stocks of many of the rarer kinds.

COLCHICUM LUTEUM—A rare spring-blooming species from Kashmir, with flowers like stars of solid gold. Pkt. 25c; special pkg. 60c.

SCILLA PERUVIANA — Jacinth. Flattened dense clusters of fifty to one hundred starry blue flowers. Pkt. 20c; special pkg. 50c.

ALSTROEMERIA BLEND—Lily of Peru. Massed clusters of gloriously beautiful flowers, golden yellow, soft pink, rose, carmine, blood red and sometimes apricot orange, or even tawny buff-lilac. Usually the inner segments show contrasting markings. Pkt. 15c; special pkg. 35c; $\frac{1}{4}$ oz. 80c.

CHIONODOXA LUCILAE—Very early sprays of sky-blue flowers with white centers. Pkt. 15c; special pkg. 35c.

CHIONODOXA LUCILAE ROSEA — Lovely rose-pink. Pkt. 25c; special pkg. 60c.

IXIOLIRION PALLASSI—Ixia Lily. Clustered blue trumpets in early spring. Pkt. 20c; special pkg. 50c.

ASPHODELINE LUTEUM—The Golden Asphodel. Three-foot spikes of fragrant, deep yellow flowers. Pkt. 20c; spec. pkg. 50c; $\frac{1}{4}$ oz. \$1.00.

OSTROWSKYA MAGNIFICA — Blossoms like six-inch saucers, ivory-white, shaded blue. Tuberous roots. Pkt. 25c; special pkg. 60c.

FRITILLARIA IMPERIALIS—Crown Imperial. Circlets of large bells, bronze yellow or crimson, on three-foot stems. Pkt. 15c; spec. pkg. 35c.

BRODIAEA BLEND — Long-stemmed and long-lasting blossom sprays of blue, purple, yellow or pink. Pkt. 15c; spec. pkg. 35c; $\frac{1}{4}$ oz. 50c.

CAMASSIA CUSICKI—Tall graceful spikes of pale blue stars. Pkt. 20c.

PUSCHKINIA LIBANOTICA — Sky blue with darker stripes. Now rare. Pkt. 15c; sp. pkg. 35c.

MUSCARI LATIFOLIUM—Pale blue to velvet purple. One large leaf. Unusual. Pkt. 25c; special pkg. 60c.

MUSCARI ARGEAI ALBUM—Silvery bloom like clustered pearls. Pkt. 25c.

TULIPA KAUFMANNIANA — Waterlily Tulip, cream and carmine. Very early. Pkt. 25c; special pkg. 60c.

CROCUS THOMASINIANUS — Pale red-violet cups in February. Pkt. 20c.

HELLEBORUS NIGER — True Christmas Rose. Snowy white, rose-tinged flowers in mid-winter. Not a bulb, but bulb-like. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

EREMURUS BLEND—The spectacular Foxtail Lily. Superb spikes, to eight feet, packed with hundreds of star-flowers in white, pink, rose, yellow, orange, even autumn brown. 25 seeds for 20c; 100 seeds for 65c; 500 for \$2.75; 1000 for \$5.00.

OFFER 24A2—One pkt. each of above for \$3.25.

LILIES FROM SEED

Lilies grow rather readily from autumn-sown seed. Circular of cultural directions sent with each lot. Here is a condensed price-list of selected kinds. For full descriptions of 68 different Lilies, with offerings of the seed, see pages 47 to 52 of my general catalog, No. 23. Ask for a copy if you do not have one.

LILIUM AURATUM—Snowy white, gold-banded gorgeously. Pkt. 15c; special pkg. 35c; $\frac{1}{4}$ oz. 80c; 1 oz. \$2.75.

LILIUM CENTIFOLIUM—Great white trumpets, rose-shaded, on stems to eight feet. Magnificent, but rare. 7 seeds for 25c; 20 for 60c.

LILIUM COLCHICUM — Fragrant butter-cup yellow. Pkt. 25c; special pkg. 60c.

LILIUM CONCOLOR — Red Star Lily. Fine dwarf. Pkt. 15c; spec. pkg. 35c; $\frac{1}{4}$ oz. 80c.

LILIUM CROCEUM—Radiant orange. Pkt. 15c; special pkg. 35c; $\frac{1}{4}$ oz. 80c.

LILIUM HENRYI—Rich deep amber. Fine in every way. Pkt. 15c; special pkg. 35c; $\frac{1}{4}$ oz. \$1.00; 1 oz. \$3.50.

LILIUM JAPONICUM—Fragrant soft pink. Pkt. 15c; special pkg. 35c; $\frac{1}{4}$ oz. 90c.

LILIUM KAMTSCHATKENSE—Whorls of velvety purple-black bells. Pkt. 15c; special pkg. 35c; $\frac{1}{8}$ oz. 80c.

LILIUM MACROPHYLLUM—Rare rose-lavender. Pkt. 25c; special pkg. 60c.

LILIUM MARTAGON—Wine purple. Pkt. 15c; special pkg. 35c; $\frac{1}{4}$ oz. 90c.

LILIUM MARTAGON ALBUM — Waxen white. Pkt. 20c; spec. pkg. 50c; $\frac{1}{4}$ oz. \$1.00.

LILIUM MAXIMOWICZI—Like a refined Tiger Lily of better color tone. Good. Pkt. 15c; spec. pkg. 35c; $\frac{1}{4}$ oz. 90c.

LILIUM NEW HYBRIDS — Buff, gold and orange, with varied purple and apricot pink suffusions. Pkt. 25c; special pkg. 60c, $\frac{1}{8}$ oz. \$1.00.

LILIUM PARDALINUM GIGANTEUM — Very robust. Brilliant orange and crimson. Pkt. 25c; special pkg. 60c.

LILIUM PARRYI—Fragrant lemon yellow. Pkt. 25c; special pkg. 60c.

LILIUM POMPONIUM—Glorious glossy scarlet. Pkt. 25c; special pkg. 60c.

LILIUM PRIDE OF CHARLOTTE—Lovely new hybrid, Regale-like, but later. Pkt. 35c; special pkg. \$1.00.

LILIUM REGALE— $\frac{1}{4}$ oz. 25c; 1 oz. 65c.

LILIUM SHELBURNE HYBRID—Fine Regale-Sargentiae cross. Pkt. 20c; special pkg. 50c; $\frac{1}{4}$ oz. \$1.25.

LILIUM SPECIOSUM MAGNIFICUM—Sparkling carmine rose. Pkt. 15c; special pkg. 35c; $\frac{1}{4}$ oz. 90c; 1 oz. \$3.40.

LILIUM TENUIFOLIUM—Coral. Early. Pkt. 10c; special pkg. 25c; $\frac{1}{4}$ oz. 50c; 1 oz. \$1.50; $\frac{1}{4}$ lb. \$5.00.

LILIUM THOMSONIANUM — Satiny rose-pink. Pkt. 25c; special pkg. 60c.

LILIUM WILMOTTIAE—Ruddy apricot. Pkt. 25c; special pkg. 60c; $\frac{1}{4}$ oz. \$1.50.

OFFER 24A3—One pkt. each of above for \$4.25.

THE IRIS

Iris seed sown in the fall usually germinates strongly the following spring. Here are choice species for every possible effect. See pages 41 to 45 of Catalog No. 23, for seeds of at least 60 more.

IRIS ATROPURPUREA—The Black Velvet Iris of Palestine. Most unusual. Pkt. 15c; special pkg. 35c; $\frac{1}{8}$ oz. 50c.

IRIS BUCCHARICA — Orchid-like blossoms of satiny yellow on "cornstalk" stems. Bulbous. Pkt. 25c; special pkg. 60c.

IRIS CALIFORNIA HYBRIDS—Delightful and fully hardy rockery strain showing charming color variations. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

IRIS DELTA BLEND—A truly magnificent strain. I consider it the finest of all. The flowers are of great size, and colors appear that are so exotic that they do not seem possible in Irises. Pkt. 25c; special pkg. 60c.

IRIS DE VITRY ART SHADES — A French strain of giant bearded Irises, showing many curious smoky tones, tawny wine shadings and stormcloud effects. Pkt. 20c; special pkg. 50c.

IRIS PURDYI—A charming rockery Iris, brown-veined yellow to tawny pinkish purple. Pkt. 10c; $\frac{1}{4}$ oz. 50c; 1 oz. \$1.50.

IRIS SHELFORD GIANT—Gigantic flowers of creamy yellow, blotched golden orange. Pkt. 15c; spec. pkg. 35c; $\frac{1}{4}$ oz. 65c, 1 oz. \$2.25.

IRIS XIPHIODES—ENGLISH IRIS—Showiest, and probably hardiest, of the true bulbous Irises. Wonderful color range. Pkt. 10c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.50.

OFFER 24A4—One pkt. each of above for \$1.10.

TREES FROM SEED

For other tree seeds, and for seeds of rare and interesting shrubs, see pages 75 to 85 of my catalog No. 23.

AILANTHUS ALTISSIMA — Tree of Heaven. Pkt. 10c; special pkg. 25c; 1 oz. 60c.

ALBIZZIA JULIBRISSIN — Pink-flowering Acacia. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

CORNUS FLORIDA — White Dogwood, most showy tree of spring. Pkt. 10c; 1 oz. 50c.

DAVIDIA INVOLUCRATA—The oddly beautiful, and rare, Dove Tree. Large nut-like seeds, each 35c; 3 for \$1.00.

GINGKO BILOBA — The feathery Maiden-hair Tree. Pkt. 10c; special pkg. 25c.

FRAXINUS AMERICANA — White Ash. Pkt. 10c; 1 oz. 50c.

JUNIPERUS SABINA — Graceful, low, half-spreading Evergreen. Pkt. 10c; 1 oz. 50c.

KOELREUTERIA PANICULATA — The showy Golden Rain Tree. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

MAGNOLIA BLEND—Varied spectacular flowers. Pkt. 10c; special pkg. 25c; 1 oz. 60c.

PLATANUS OCCIDENTALIS — The massive Button-wood. Pkt. 10c; 1 oz. 50c.

PRUNUS SERRULATA — Japanese Flowering Cherry. Pkt. 10c; special pkg. 35c.

ROBINIA PSEUDACACIA — Desirable Black Locust. Pkt. 10c; special pkg. 25c.

TAXUS CUSPIDATUS—The hardy Yew. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

OFFER 24A5—One pkt. each of above for \$1.25.

NEWEST SEED OFFERINGS

The species listed here are new offerings, not found in my general catalog No. 23. Some of them, I believe, have never before been available commercially.

DELPHINIUM PARRYI—Big blossoms of richest blue effect, but with white down on petals, and green and pink stripings in reverse. Two feet. Blooms early. Exquisite. Pkt. 20c.

PENTSTEMON SECUNDIFLORUS — Magnificent cut-flower species, or decorative in the hardy perennial border. Crispy, glossy foliage, and great one-sided spikes of bloom to thirty inches. Long-lasting. Color range is from palest flesh pink, through pure deep pink, to lilac, lavender and blue-purple. Pkt. 15c; special pkg. 35c.

ANEMONE MULTIFLORA MAGELLANICA — A dainty Windflower from Magellan Straits, with blossom-cups of soft creamy yellow. Pkt. 25c.

GERANIUM TUBEROSUM—A most floriferous hardy Geranium for border or rockery, with blossoms of pure blue-lavender from June to August. Bushy plants to two feet. Pkt. 20c.

CORYDALIS CHEILANTHIFOLIA—Dainty yellow flowers hung in ten-inch racemes above airy, fern-like gray-greenery. Most decorative. Pk. 15c.

EUPHORBIA POLYCHROMA — Masses of smooth emerald foliage, with showy yellow flower-bracts in June. Whole plant takes on gorgeous colorings in autumn. 15 inches. Really very good. Pkt. 20c.

SCHWALBEA AMERICANA—Oddly attractive downy flowers, lemon and purple, in 18 inch spikes. May to July. An exceeding rarity. Pk. 20c.

ALLIUM ODORUM—Clusters of sometimes as many as one hundred up-facing airy white stars, lilac striped in reverse. Sweetly fragrant, and good for cutting or hardy border. Three feet. Summer. Pkt. 20c.

ALLIUM TATARICUM—Enormous fluffy globes of starry florets, pale lilac, pure lavender or richest purple. June to August. Two feet. Pkt. 15c.

VIOLA CONFEDERATA—A vigorous and very beautiful Violet, fully hardy, with big white-centered blossoms that gradually fill with purple radiations until they deepen to form the wide margin of richest blue-purple. Considered a memorial of the southern Confederacy; botanically it is *Viola papilionacea* var. *Priceana*. Pkt. 15c; special pkg. 35c.

RANUNCULUS FASCICULARIS—A dainty little golden Buttercup, with silver-gray cut foliage. Six inches. Very early. Pkt. 15c.

ERIGENIA BULBOSA — Harbinger of Spring. Earliest flower of spring, with dainty clusters of tiny white flowers. Likes shade. Pkt. 15c.

LEWISIA COTYLEDON — Close **rosettes**, of thick and succulent leaves, Sempervivum-fashion, with branching, airy ten-inch bloom panicles above. Blossoms may be blush-suffused white, pure pink, rose, or pink with orange shadings. Pkt. 25c.

LEWISIA BRACHYCALYX — A rare and very early species, with feathery blossoms of diaphanous lavender. See page 15 of this folder for full description. Pkt. 25c; special pkg. 60c.

RUMEX FLEXUOSUS—Most ornamental hardy perennial for border or rockery. Foliage always rich coppery red. Pkt. 15c.

OFFER 24A7—One pkt. each of above for \$2.50.

HOUSE PLANTS FROM SEED

Seeds of these, of course, may be sown at any time of year.

TRUE POINSETTIA — *Euphorbia pulcherrima*. A gorgeous thing when in full glory of its vivid live-coal flower-bracts. A splendid pot plant. 10 seeds for 25c; 50 seeds for \$1.00.

CYCLAMEN ROCOCO — Gigantic frilled blossoms in many rare colorings, undulate like great butterflies. Pkt. 35c; spec. pkg. \$1.00.

TRITONIA HYALINA — Sprays of exquisitely formed blossoms, of sparkling half-translucent salmon pink. A delight. Pkt. 20c; spec. pkg. 50c.

LACHENALIA PEERLESS BLEND — These are winter pot bulbs that require Freesia culture. They will often bloom within six months from seed. Graceful spikes of dainty hyacinth-like flowers in rich shades of yellow, rose, blue and crimson, often in opalescent blendings. Pkt. 20c; spec. pkg. 50c; $\frac{1}{8}$ oz. 75c.

STRELITZIA REGINAE — Bird of Paradise. Great blue and gold flowers, oddly poised, like brilliant jungle birds. Not hard to grow if the large seeds are given some heat to start them. Each 15c; 3 seeds for 40c; 8 for \$1.00.

EUPHORBIA OBESA — Plants like living baseballs, with curiously checkered covers. The very oddest of succulents, and rare. Sometimes seeds germinate quickly, or again they may take a long time, but they are pretty sure eventually. Large seeds, 2 for 25c.

AMARYLLIS PEERLESS HYBRIDS — Seeds saved only from giant flowered plants in one of what is usually considered the two finest collections in the world. Should give blooms of a marvelous diversity of colorings and markings. Autumn, by the way, is about the best time of year to sow Amaryllis seed. 15 seeds for 25c; 50 seeds for 75c; 100 seeds for \$1.40; 250 seeds for \$3.25.

AMARYLLIS WHITE MONARCH — The rarest and most desired of all Amaryllis varieties is that with giant flowers of pure enamel whiteness. This seed has been saved from such, and it ought to come pretty true, although an occasional specimen will likely show roseate stainings or other interesting variations. 5 seeds for 20c; 28 for \$1.00; 50 for \$1.70.

FUCHSIA BLEND — Free-blooming and graceful plants hung with beautiful pendant flowers in many rare colorings. Pkt. 25c; spec. pkg. 60c.

GLOXINIA PEERLESS BLEND — Showy blossoms of largest size and richest colorings, often with darker dottings or tinted margins. Pkt. 25c.

STREPTOCARPUS HYBRIDS — Cape Primrose. A charming pot plant, different, showy and easy to grow, flowering rather quickly from seed. Colors run from lilac pink, through lavender and purple, to royal crimson. Pkt. 25c; spec. pkg. 60c.

ORNITHOGALUM THUNBERGIANUM — Large clustered blooms of deep yellow. A new winter pot bulb, quick and easy from seed. Pkt. 25c; spec. pkg. 60c.

PHOENIX ROEBELINI — The very finest of dwarf Feather Palms for house culture. Large seeds. 3 for 20c; 10 for 50c.

OFFER 24A6 — One pkt. each of above for \$2.75.

BULBS FOR THE WINTER WINDOW

It is not hard to force bulbs for winter flowers, and all of the kinds grouped under this heading are very suitable for this winter window forcing. Of course many of the hardy bulbs, Muscari, Narcissus, Triteleia in particular, are good for growing in pots during the winter, too.

BABIANA TRUE AZURE—The blossoms are bluer than indigo, a rich living blue that is hard to describe. Flowers easily and quickly in pots. Very lovely. 4 for 25c; 10 for 50c.

ALLIUM NEAPOLITANUM—This is a really good winter forcing or pot bulb, coming into bloom readily under glass, and lasting well. Nodding clusters of white blossoms with colored stamens. Pretty. 4 for 25c; 9 for 50c.

SPARAXIS BLEND—All these bulbs need is a sunny window in a cool room to yield a wealth of winter beauty. The flowers are large, several open at once, and the colors are exceedingly varied and most brilliant. Often the throat shows a contrasting hue, or there may be bright zonings. I like Sparaxis, and I think everyone will that tries it. 4 for 25c; 10 for 50c; 22 for \$1.00.

THE BABY GLADIOLUS—A very distinct strain, used altogether for pot culture or greenhouse forcing. Their natural season of bloom is the winter months, and a pot of them in full blossom is a dainty and lovely thing. May be grown in any sunny window. The flowers are airy in form, each with a diamond-shaped marking on the lower petal, and shades of lavender orchid, salmon, pink, rose and crimson are in the blend. 4 for 25c; 10 for 50c; 22 for \$1.00.

LEUCOCORYNE IXIODES ODORATA—The lovely Glory of the Sun, a rare treasure from the hills of Chile, and often considered the most charming of all bulb flowers for the winter window. The 18 inch stems carry each several very large and starry soft blue flowers, with undulate petals and white centers. The blossoms are intensely fragrant and particularly long-lasting. For winter pot culture only. Very good, indeed. Each 35c; 3 for \$1.00.

ORNITHOGALUM AUREUM—Golden Chinkerrichee. For quick and easy winter flowers, almost solid clusters of radiant golden-orange on long stems, lasting, each spike, for many months, try this new and still scarce species. You must see it to really appreciate it. Ea. 35c; 3 for \$1.00.

ORNITHOGALUM ARABICUM—The tender Star of Bethlehem, a really superb pot bulb for winter flowering. Large and airy clusters of pure white wide-open flowers, each with a shining black-green center. Not hardy outside, but very easily forced in a sunny window. The blossoms are highly attractive, delightfully perfumed, and last for many weeks. Do not confuse with the hardy star of Bethlehem. 3 for 25c; 7 for 50c; 15 for \$1.00.

AVALON WINTER WINDOW OFFER—Four bulbs each of Babiana, Sparaxis, and Baby Gladiolus, with three of Triteleia coerulea and three of Ornithogalum arabicum, 18 in all, for ONE DOLLAR in the collection. If you want something different, and more charming, than the usual run of winter bulbs, try these five kinds. All are delightful.

BULB FLOWERS

For Fall Planting

The kinds offered here should all be planted in the autumn, to blossom the following spring, or in the case of forcing bulbs, during the winter. Usually available, unless otherwise mentioned, from early September until past the middle of November, but better mention an alternative kind or two on orders sent in after the middle of October, for naturally some sorts become depleted. Garden hardiness may be assumed unless statement or implication to contrary appears, but of course some protection of straw or leaves may be needed in very exposed northern locations.

Bulbs are not prepaid. If you want them by mail, add 5% to your remittance for points east of Pittsburgh and north of Potomac, 10% to the Mississippi, and 15% west of the river. This is to cover postage and packing. I shall assume that shipment is desired by express, collect, if no allowance for postage accompanies order.

CRIMSON SATIN FLOWER—*Brevoortia Ida-Maia*. Clustered flowers of glistening richest red, each tube tipped surprisingly with a recurved scalloped edging of bright apple-green. Extraordinarily vivid. Sometimes called Floral Firecracker, and it looks the name. Rather easy. 20 inches. 3 for 40c; 8 for \$1.00.

CALLIPRORA IXIODES SPLENDENS—Pretty Faces. Salmon yellow to golden buff flowers, each petal with a single brown stripe in the center. The blossoms, large and star-shaped, are carried in up-facing umbels on 18-inch stems. Handsome, easy and hardy. Sometimes classed as a *Brodiaea*. 4 for 25c; 9 for 50c.

ERYTHRONIUMS MIXED—Charming flowers like very dwarf Lilies, for woodland, shady corner, or not too sunny rockery. The color variations are remarkable, cream, deep yellow, purple, lavender or rosy pink. Often there are contrasting color bands. Plant the bulbs as soon as you get them. 4 for 25c; 9 for 50c; 19 for \$1.00.

THE PINK FRITILLARY—*Fritillaria pluriflora*. Many large open bells of pure deep rose. Very beautiful. Likes a bit of shade. Almost a Lily, but rarer and daintier than most Lilies. Ten inches. Each 15c; 3 for 40c.

BRODIAEA BLEND—The rather tall and slender stems bear clusters of waxen flowers that vary from close trumpets to wide stars, according to species; and in color run from tinted white, to lilac, lavender and rich glossy purple. Then there are others that are close to indigo blue, rosy pink, or yellow with salmon tintings. They are hardy and long-lived in any well-drained soil, and will even thrive in light shade. Please note that the bulbs are naturally small, but not the bloom. 4 for 25c; 10 for 50c; 21 for \$1.00.

LEUCOJUM VERNUM—Spring Snowflake. A piquant Cinderella of the *Amaryllis* family, with pure white sweetly scented flowers in March and April. Each petal carries quaintly a tiny tip of almost bottle green. A hardy bulb that will increase from season to season. You will like it better each year, and look forward to its blooming. 3 for 20c; 8 for 50c; 17 for \$1.00.

CLOTH OF SILVER CROCUS—*Crocus versicolor*. I always watch for the first *Crocus* blossoms. There are other flowers a bit earlier, but none so luxuriantly colorful, or that give so much of that "Spring is here" feeling. Once planted, they will take care of themselves in any grassy corner. The two species listed flower earlier than various named garden hybrids, but they make naturally rather small bulbs, although the blossoms are of very good size. In this particular *Crocus* the ground color is silvery white, threaded and embroidered with a royal purple within and without. 6 for 25c; 20 for 75c.

CLOTH OF GOLD CROCUS—*Crocus susianus*. In the wild these greet the spring on the slopes of Crimean hills. The blossoms, cups at first, soon open to wide stars of brilliant golden orange, heavily laced with velvety brown. Earlier than most other *Crocuses*, mid-February here if the weather grants any favors. A hardy pioneer, and in the habit of pioneers, it raises big families, so from a few bulbs you will soon have many. 7 for 25c; 25 for 75c.

CALOCHORTUS EL DORADO—Here are the hues of the rainbow in rare blendings, bandings and blotchings. Splendid flowers that remind one a bit of the Tulip, but with a more delicate beauty. The petal markings are like those of a butterfly's wing, hence they are sometimes called Butterfly Tulips. Branching plants to two feet, hardy in well-drained soils. Mulch with straw or leaves in exposed locations. 4 for 25c; 10 for 50c; 25 for \$1.00.

CALOCHORTUS STAR AND GLOBE—One cannot show by words the exquisite and gracious beauty of these dainty flowers. Less spectacular than the El Dorado strain, they show marvelous pastel tones together with richer hues. In form they vary from nodding fairy lanterns to up-facing fuzzy stars. They are even harder than the El Dorado, but prefer a bit of shade, while El Dorado likes the sun. 4 for 25c; 10 for 50c; 25 for \$1.00.

IRIS DUTCH AND SPANISH—Named sorts, grown separately, in many rare colorings, are in this mixture, all true Bulb Irises, varieties and hybrids of *Iris xiphium*. The blossoms are very like orchids, at least in reminder, and particularly long-lasting as cut flowers. They have been called Poor Man's Orchid, but rich men are glad enough to grow them, too, for they are exceedingly beautiful. There will be russet and smoky bronze combinations; pale blue, indigo, rich yellow, white, softly tinted. Hardy and easy. Size "B", ready to bloom. 18 for 50c; 40 for \$1.00; 100 for \$2.25.

CAMASSIA LEICHTLINI—The flowers are spreading stars, perfectly formed, sometimes an inch and a half across, and each tall, airy, loosely formed spike carries many of them widely open at one time. The spikes are often four feet tall, and may bear one hundred blossoms. The bulbs seem to be fully hardy anywhere in the country, and the season of bloom is long, all through late spring. I offer mixed colors only, including white, rich cream, delicate lavender, indigo and blue-violet. Camassias cannot

be recommended too highly for every garden, and this is possibly the finest of them. 2 for 25c; 10 for \$1.00; 25 for \$2.25.

CAMASSIA QUAMASH — Many years ago I lived in the Pend Oreille River valley, up toward the northeasterly corner of Washington State. There I have seen the prairie-like meadows and flood-plains as waving fields of shimmering ultramarine, when *Camassia quamash* was in bloom. The Indians used to dig the bulbs as food, likely they still do, and the flavor was said to be sweet and "chestnutty." I have not tried them, enjoyed the flowers too much to want to destroy the bulbs. This *Camassia* grows 18 to 24 inches high, and the flowers are informal and somewhat one-sided stars in various rich shades of blue. *Camassia quamash* gives a splendid effect in mass colonies, and the cost is low enough so that one can afford to plant liberally. Of great hardiness. 10 for 45c; 25 for \$1.00; 50 for \$1.75.

ZYGADENUS FREMONTI—A fully hardy bulb, and a real beauty, with open sprays of blossom stars, creamy yellow, with deep yellow centers. Very like *Camassia*, and may be grown with them, giving a new color. Please note, though, that unlike *Camassia* bulbs, those of *Zygadenus* are not edible. An ornamental bulb that deserves wide planting. 2 for 25c; 10 for \$1.00.

CRINUM LONGIFOLIUM—A beautiful and interesting flowering bulb of the *Amaryllis* family, with wide, arching, ribbon-like leaves two to three feet long, giving an exotic and tropical effect. In early summer robust flower-stalks appear, each crowned with a cluster of thick waxen trumpets, white or palest blush, shading to deep rosy pink. Lasts a long time in blossom, and sometimes flowers again in autumn. Seems to be fully winter-hardy at Philadelphia and New York, if mulched with litter, but to be on the side of safety, better plant deeply in a not overly exposed location. In colder areas planting in cold frame might be good insurance, or the bulbs may be dug in late autumn, and given *Dahlia* storage in cellar over winter. Since the bulbs are rather heavy, I am offering only size "B" to keep down shipping weight. Many of these should flower first season, all the second. Each 40c; 3 for \$1.00.

DOLLAR DELIGHT COLLECTION—Six bulbs, *Camassia quamash*, ten *Iris Dutch and Spanish*, six *Calochortus Finest Mixed*, seven *Crocus Mixed Cloth of Silver and Gold*, 30 bulbs, \$1.20 value, for ONE DOLLAR in collection.

BULB RARITY COLLECTION — Three *Crimson Satin Flower*, four *Calliprora*; four *Erythronium*, three *Pink Fritillary*, four *Brodiaea*, three *Leucojum*, five *Camassia Leichtlini*, two *Zygadenus*, four *Calochortus El Dorado*, four *Calochortus Star and Globe*, and one *Crinum*, \$3.40 separately, for THREE DOLLARS in the collection.

ABOUT COLLECTIONS—Each variety in a collection assortment is labeled separately. Collections are made up from the same stocks used in filling orders for separate items. Please do not ask to have collection assortments changed. It cannot be done.

SIX ROCKERY RARITIES

These are dainty bulbs, lovely in the early spring rockery, but just as effective in little clustered colonies in sheltered corners, or at the front of the hardy border. All are garden hardy, but the *Narcissi* may be forced in the winter window; *Iris reticulata* forces well, too, and of course, *Triteleia*.

HYACINTHUS AZUREUS — The daintiest of baby Hyacinths, no larger than *Muscari* in bloom, but a real Hyacinth nevertheless, with flaring bells of most intense azure, bluer and brighter than sky-blue. Then it is the earliest of Hyacinths, maybe earliest of flowering bulbs, blooming often in February, surely in early March, and it is hardy and persistent. 10 for 50c; 22 for \$1.00.

NARCISSUS BULBOCODIUM CITRINUS — A lovely little Daffodil of pale citron yellow with shyly shrinking perianth but a fluted and satiny corona so widely flaring that it seems well-called Hoop-petticoat Daffodil. 3 for 50c.

NARCISSUS TRIANDRUS ALBUS — Angel's Tears or Ganymede's Cup, a charming fairy-flower from the hills of Portugal. The corona chalice hangs downward, but the perianth petals are reflexed like irregularly fluttering wings. Creamy white. 3 for 50c.

IRIS RETICULATA—Earliest to blossom of all the true bulb Irises, and wonderful in the rockery. The flowers, rich with the fragrance of violets, are deep, brilliant purple, gold-streaked. Each, 30c; 4 for \$1.00.

ALLIUM UNIFOLIUM—Slender foot-high stems that carry graceful clusters of bright rose-pink flowers. Easy and handsome. 3 for 25c; 10 for 65c.

SPRING STAR FLOWER—*Triteleia coerulea*. A splendid little bulb flower, easily grown and free blooming. The blossoms are up-facing stars, sometimes showing palest blue suffusions, or again deepening to richest indigo. A hardy cousin of *Leucocoryne*, from the Argentine side of the Andes. Winters in gardens here without the slightest protection, but better cover with straw or litter in exposed locations further north. It forces, too, with the greatest of willingness, and blooms repeatedly for many weeks. A pot of it will be appreciated in any window. 3 for 25c; 8 for 50c.

ROCKERY BULB COLLECTION—Three bulbs each of *Hyacinthus azureus*, *Allium unifolium* and Spring Star Flower, one bulb each of *Iris reticulata*, Hoop-petticoat Daffodil and Angel's Tears, \$1.25 value separately, for ONE DOLLAR in the collection.

THE RARE PLUME HYACINTH

In this scarce and most unusual variety of *Muscari comosum*, the individual florets are transformed into fluffy lilac-shred tassels of delightfully informal and graceful habit. The stems are long enough for effective cutting, and in garden, border or rockery, the Plume Hyacinth gives a touch of unique distinction. Sometimes there is not enough of this bulb to go around. Don't order too late. It is, by the way, fully hardy, 3 for 25c; 10 for 70c; 25 for \$1.60.

FOUR FINE HARDY LILIES

Here are four of the finer true hardy Lilies, kinds that are easy to grow in any garden, that do not require special culture or coddling, and that will give you a long wealth of splendid bloom for border decoration or cutting. Plant the bulbs upon arrival, since they soon shrivel if kept out of ground. These bulbs are small blooming size, and should give good flowers first season.

LILIUM REGALE—The Queen of Lilies. Great flaring fragrant trumpets of glistening whiteness, but of softest lemon yellow in the deep throat, and with rosy shading on the reverse. Very lovely, very easy, very sure to please; and it is good enough to deserve three "verys" in a row. Three for 35c; 5 for 50c; 11 for \$1.00.

LILIUM DAVURICUM — The splendid Candlestick Lily. The brilliant blossoms, like up-facing chalices over-flowing with molten fire, are carried in clustered branching form. The colorings are amazingly bright and variable, from buff-apricot, through orange, clear or scarlet-stained, to red of cinnabar or even velvet crimson. Three for 40c; 10 for \$1.00; 25 for \$2.25.

LILIUM HENRYI—The Amber Lily. Very many recurved flowers of deepest golden amber. The petals have a brittle thickness, as though they had been molded from wax. Tall, graceful, arching stems. About the hardiest of Lilies; long-lived, dependable, and particularly good for cutting. Thrives in sun or shade. Three for 40c; 10 for \$1.00; 25 for \$2.25.

LILIUM TENUIFOLIUM — Called Coral Lily, but the blossoms have more the red intensity and soft glossiness that one sees in old Chinese lacquer work. The plants are open pyramids of vivid color in late spring or early summer. A sure and easy Lily that will be appreciated in the large rockery as well as for border clumps; and it is the one Lily that makes a showy bedding plant. Excellent for cutting. "A" size bulbs. 3 for 35c; 5 for 50c; 11 for \$1.00.

CALL THEM BULBS

Even though the various and intriguing kinds offered here may not be truly bulbs, we might just as well call them so, for they are very bulb-like, and are handled and planted in the dormant or semi-dormant state in precisely the same way as bulbs. They are really very good; very hardy, too.

TRILLIUM OVATUM—Largest and showiest of the Trinity Lilies, with flowers that open snowy white, but soon suffuse with a rich pink that finally deepens to a royal wine-purple. It loves moist rich woods, but will thrive in the garden, if given soil with a bit of peat moss or leaf mold added, and, if possible, a position that is shaded part of the day. Of course they can be over-watered, but at least do not let them suffer from drought. They are beautiful enough to repay a little fussing. Decidedly winter-hardy if other conditions are right. 3 for 40c; 9 for \$1.00.

LILY OF THE VALLEY—Everyone knows this lovely perfumed flower with its drooping bells of dainty waxen whiteness. It is hardy, increases rapidly when once it feels at home, and really prefers those shady corners (if the soil be not dry and baked) where it is hard to get other things to grow. Try it on the north side of the house, or colonize it, where shrubbery arches. Sturdy individual pips, field grown, 10 for 40c; 30 for \$1.00; 100 for \$2.65.

LILY OF THE VALLEY PINK BELLS—In this truly rare variety, the blossoms are suffused with pink. Good pips, 3 for 50c; 7 for \$1.00.

VARIEGATED BULB GRASS—A pretty ornamental grass with striped and variegated leaves. Excellent for edgings, or for border clumps. Botanically it is *Arrhenatherum elatius tuberosum variegatum*, but don't let this linear name keep the very real beauty of the plant from you. Just call it Variegated Bulb Grass, as I do. Hardy 18 inches. Grows from Crocus-like tubers. 8 for 25c; 25 for 65c; 45 for \$1.00.

LEWISIA BRACHYCALYX—The Lewisias are hardy tuberous-rooted plants with thick succulent leaf-rosettes and multitudes of large and exceedingly beautiful flowers that remind one of Water-lilies. *Lewisia brachycalyx* is one of the rarer species, very early flowering, starting to bloom here in early April and continuing until the latter part of May. It is dwarf, the feathery flowers almost hiding the plant. The petals are a diaphanous white, delicately suffused with lilac-lavender. Each 30c; 3 for 75c; 10 for \$2.25.

LEWISIA REDIVIVA—Here the blossoms are even larger, and tinted with a pure clear pink, the petals with a texture like spun silk. Flowers in late spring, starting when *Lewisia brachycalyx* is well over. All Lewisias like well-drained soil in full sun, but should not be allowed to suffer from dry weather. No lime. Each 25c; 3 for 60c; 10 for \$1.75.

DODECATHEON HENDERSONI—Purple Shooting-star. The blossoms look as though the plant should be a Cyclamen, but really it is almost a Primrose. Long-stemmed umbels of intensely fragrant flowers that may be delicate lavender, true rose, or rich purple. It seems to be of great hardiness, and you will like it when it blooms, but I must warn you that when you order it, all you will get will be a little spidery cluster of dry and brittle roots that look as though all life had departed from them. They will grow readily enough, though, if you give them a chance. "Playing 'possum" thus is just the plant's natural way of resting through late summer and autumn. 20c each; 3 for 50c; 10 for \$1.50.

THE ADVENTURE COLLECTION — Two of *Trillium ovatum*, three pink Lily of Valley, five of the white, eight Variegated Bulb Grass, one *Lewisia brachycalyx*, two *Lewisia rediviva* and three Purple Shooting-stars, \$2.53 separately, for **TWO DOLLARS** in the collection. No changes.

PLEASE NOTE: Bulbs are not prepaid and are sent by express collect unless remittance includes postage allowance. For postage and packing, add 5% east of Pittsburgh and north of Potomac, 10% beyond to Mississippi, and 15% for destinations further west.

EREMURUS OR FOXTAIL LILY

The majestic Desert Lily, with magnificent flower spikes that bear hundreds of bright star-shaped blossoms, pink, rose, primrose, orange, yellow or copper. Grows eventually four to eight feet tall. Fully hardy, but mulch a bit to prevent too early growth in the spring. Spectacular in the border. I offer sturdy one-year seedling roots that may begin to flower, if grown thriftily, in third year from transplanting. Available in mixture only, finest possible color range, but no colors can be supplied separately. 3 for 40c; 9 for \$1.00; 25 for \$2.50.

PEERLESS TULIPS

This is the same wonderful trial ground mixture of long-stemmed Tulips that has pleased so many of my customers over and over again in the past, but this season I have added several new kinds, increasing the already glorious color range. It includes only the tall-growing Tulips that flower so brilliantly in May and early June. Finest named sorts, grown separately, have been added and blended to give so far as may be possible, a balance of all Tulip hues and color tones, cream, primrose, and golden yellow to bronze, orange and coffee brown; from palest flesh, through salmon pink, to strawberry, rose, scarlet and maroon. Then there are all the soft lavender, clear blue, smoky violet and rich purple varieties, beside others fantastically marbled and striped. American grown stock, size "B", a little smaller than the imported, but sound solid bulbs that will bloom beautifully and persist long. I am proud of this blend. 10 for 40c; 20 for 75c; 45 for \$1.50; 100 for \$3.00.

LET THESE RUN WILD

To spatter the meadow with beauty, road-side, woods-edge, or lawn, plant Grape Hyacinth and hardy Star of Bethlehem. The bulbs are fully hardy, will compete with grass on its own terms, yet the foliage dies down not long after blooming time, and there is no further sign of the bulbs until the next spring. The Grape Hyacinths flower in April, the Star of Bethlehem a bit later, over-lapping in season, and following, its sky-hued friend. Try them, too, in the rockery, or Muscari may be forced.

MUSCARI HEAVENLY BLUE—An absolutely hardy Grape Hyacinth that will give great splashes of sheer blue for many radiant spring weeks. Just about the easiest of flowering bulbs, yet few will give greater pleasure. Sound bulbs, size "B", should flower well first season. 10 for 35c; 25 for 75c; 100 for \$2.50; 250 for \$5.50.

ORNITHOGALUM UMBELLATUM—The Hardy Star of Bethlehem. Enormous quantities of pure white up-facing flowers in robustly branching umbels. Dwarf. Very pretty. A rugged individualist that needs no fostering care. 10 for 40c; 25 for 90c.

NAMES OF FRIENDS. If you have two or three garden-loving friends, and care to send me their full names and addresses, it will be an appreciated favor that I shall try to repay in filling your order.